

EDGE ENHANCEMENT PROCESSOR AND METHOD WITH
ADJUSTABLE THRESHOLD SETTING

Abstract of the Disclosure

- 5 An edge enhancement processing system and method for modifying image data at certain pixel locations to include gray scale image data so as to reduce jaggedness in the image. An adjustable threshold device establishes a binary pixel value for an incoming current gray level pixel in accordance with a thresholding criterion. An operator accessible input to the thresholding device is used by the
- 10 operator to adjust the threshold value in the thresholding criterion. A current binary pixel formed in accordance with the thresholding criterion and neighboring pixels also so formed in accordance with the thresholding criterion are examined in accordance with predetermined criteria for determining adjustment of the current pixel to a gray scale value to reduce edge jaggedness of the image.
- 15 Generally, adjustment of the thresholding value is made in instances where under color removal and/or gray component replacement is employed.

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